

With the Medical Officer of Health's Compliments.



Ebbw Vale Urban District Council.

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**REPORT**  
of the  
**Medical Officer of Health**  
and  
**School Medical Officer**  
for the Year 1940.

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Prole and Son, Ebbw Vale 139a





Ebbw Vale Urban District Council.

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# REPORT

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Medical Officer of Health

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School Medical Officer

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## Ebbw Vale Urban District Council.

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Rateable Vale ...	...	...	£124,621
Area of District...	...	...	6,817 acres
Population (Census)	...	...	31,695
Population (Estimated) 1940	...	...	30,410
Population (Estimated) 1939	...	...	29,910
Population (Estimated) for Birth and Death Rate	...	...	30,410
Birth Rate per 1,000 inhabitants	...	...	20'05
Birth Rate per 1000 inhabitants, 1939	...	...	18'40
Number of Living Births	...	...	610
Illegitimate Births	...	...	16
Death Rate per 1,000 inhabitants	...	...	13'28
Number of Deaths	...	...	404
Zymotic Death Rate	...	...	0'49
Infant Death Rate per 1,000 Births	...	...	89'45
Infant Death Rate per 1,000 Births, 1939	...	...	54'05
Phthisis Death Rate per 1,000 inhabitants	...	...	0'8

# EBBW VALE URBAN DISTRICT COUNCIL.

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Chairman	-	-	Councillor H. SEWELL, J.P.
Vice-Chairman	-	-	Councillor E. LEWIS.

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## Members of the Council.

Councillor W. H. Badger	Councillor S. Gale
" E. Bennett	" Mrs. E. M. Honeyfield, J.P.
" J. Cool	" E. Harries
" C. G. Davies, J.P.	" T. Jones
" W. Darby	" J. Norton
" A. Davies	" T. Nicholas
" Alfred Davies	" J. O'Sullivan
" T. Edwards	" T. Thomas, M.B.E.
" D. Evans, J.P.	" D. Warren
Councillor E. Williams.	

Clerk to the Council - - R. E. HERBERT, Esq.

Deputy Clerk to the Council - MR. H. WILLIAMS (Solicitor).

Chief Financial Officer - - MR. W. HICKS, A.I.M.T.A., A.S.A.A.

Surveyor and Water Engineer- MR. P. I. DAVIES

## Health Committee.

Chairman - - Councillor W. DARBY.

Medical Officer of Health—

F. M. FONSECA, F.R.C.S.I., D.P.H.

Chief Sanitary Inspector—

DAVID DAVIES, C.R.S.I., M. & O.F.I., M.S.I.A.

Assistant Sanitary Inspectors —

E. T. HALL, CERT.S.I.B., M. & O.F.I., M.S.I.A.

R. J. HOWELLS, CERT.S.I.B., A.R.SAN.I.

Clerks to M.O.H.—

MISS G. G. OWEN.

MR. B. N. JOHNSON.

# **Annual Report of the Medical Officer of Health to the Ebbw Vale Urban District Council for the Year 1940.**

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*To the Chairman and Members of the Ebbw Vale Urban  
District Council.*

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Madam and Gentlemen,

I have the honour of submitting to you my Report for the year 1940. It is made in accordance with the Memorandum of the Ministry of Health.

The area of the Ebbw Vale Urban District is 6'817 acres. with an estimated population of 30,410.

The population given by the Registrar-General for 1940 for calculating Birth and Death Rate is 30,410.

These returns of Births and Deaths as submitted will be used for calculating purposes. The figures do not quite correspond with those of the weekly returns of the Local Registrar.

## **Births.**

There were during 1940, 549 births registered, of which 269 were males and 280 females ; 5 males and 5 females being illegitimate. The returns as submitted by the Registrar-General were 303 males and 307 females ; 10 males and 6 females being illegitimate, making a total of 610, 61 more than the local returns.

The general birth rate per 1,000 inhabitants is 20'05, as against 18'40 for 1939 and 14'6 for England and Wales. In 1940, the male birth rate was 9'96, the female being 10'09 per thousand, while in 1939 these birth rates were 9'72 and 8'68 respectively.

TABLE I.

Year	Population	No. of Births	Birth Rate	England and Wales
1938	29,750	581	19'53	15'1
1939	29,910	547	18'40	15'0
1940	30'410	610	20'05	14'6

**Number of Still-Births.**

	Boys	Girls	Total
Legitimate	16	13	29
Illegitimate	1	0	1
	<hr/> 17	<hr/> 13	<hr/> 30

**Deaths.**

The total number of deaths which occurred in the area as returned by the Registrar-General from All Causes was 404 ; of this number 222 being males and 182 females.

The weekly returns of deaths from the Local Registrar together with the transferable deaths returned by the County Medical Officer of Health shows the total number 404 ; 225 being males and 179 females.

The general death rate per thousand of the population is 13'28 ; 7'3 being males and 5'98 being females, while for England and Wales the annual death rate is 14'3.

TABLE II.

Year	Population	No. of Deaths	Death Rate	England and Wales
1938	29,750	377	12'67	11'6
1939	29,910	374	12'50	12'1
1940	30,410	404	13'28	14'3

## Causes of Death in Ebbw Vale Urban District 1940.

			M	F
	All Causes	...	222	182
1	Typhoid and Paratyphoid Fevers	...	0	0
2	Cerebro-spinal Fever	...	2	0
3	Scarlet Fever	...	0	0
4	Whooping Cough	...	1	3
5	Diphtheria	...	1	1
6	Tuberculosis of Respiratory Sys.	...	6	12
7	Other Forms of Tuberculosis...	...	3	5
8	Syphilitic Diseases	...	3	0
9	Influenza	...	6	2
10	Measles	...	0	1
11	Ac. Polio-myel. and Polio-enceph.	...	0	1
12	Ac. Inf. Enceph	...	1	1
13	Cancer of b. cav. and œsoph. (M) uterus (F)	...	5	0
14	Cancer of stomach and duodenum	...	4	3
15	Cancer of breast	...	0	4
16	Cancer of all other sites	...	13	7
17	Diabetes	...	0	7
18	Intra-cran. vasc. lesions	...	15	18
19	Heart disease	...	36	32
20	Other dis. of circ. sys.	...	6	7
21	Bronchitis	...	21	15
22	Pneumonia	...	14	14
23	Other resp. dis.	...	3	0
24	Ulcer of stomach or duodenum	...	4	0
25	Diarrhœa, under two years	...	0	2
26	Appendicitis	...	1	0
27	Other digve dis.	...	7	6
28	Nephritis	...	11	8
29	Puer. and post-abortion. sepsis	...	0	0
30	Other maternal causes	...	0	1
31	Premature birth	...	5	12
32	Con. mal. birth inj. infant dis.	...	8	3
33	Suicide	...	2	0
34	Road traffic accident	...	4	0
35	Other violent causes	...	12	2
36	All other causes	...	22	15

Population ... a and b 30,410



## Number of Cases of Infectious Diseases Notified

Enteric Fever	...	...	...	0
Scarlet Fever	...	...	...	342
Whooping Cough	...	...	...	160
Diphtheria ...	...	...	...	11
Erysipelas ...	...	...	...	23
Smallpox ...	...	...	...	0
Measles ...	...	...	...	642
Pneumonia...	...	..	...	93
Puerperal Pyrexia	...	...	...	3

## Live Births :

		I.M. etc.		B.R.	
		M	F	M	F
Total	...	310	316	303	307
Legitimate	...	300	310	293	301
Illegitimate	...	10	6	10	6

## Still Births :

Total	...	17	14	17	13
Legitimate	...	16	14	16	13
Illegitimate	...	1	0	1	0

## Deaths of Infants under 1 year of age :

Total	...	...	...	27	29
Legitimate	...	...	...	27	27
Illegitimate	...	...	...	0	2

Comparability Factor .. 1.15

The Statistical rates of Births and Deaths for the County of Monmouth for the year 1940 are as follows :

Live Birth Rate per 1,000 of population	...	16.5
Still Birth Rate per 1,000 of population	...	0.9
Death Rate per 1,000 of population	...	13.4
Infantile Mortality Rate per 1,000 Births	...	67.7

## Maternal Mortality Rates :

	Puerperal Sepsis	Others	Total
Per 1,000 Live Births	0.74	2.22	2.96
Per 1,000 Total Births	0.70	2.10	2.81

**Birth-rates, Civilian Death-rates, Analysis of Mortality,  
Maternal Mortality and Case rates for certain Infectious  
diseases in the Year 1940,**

Provisional figures based on Weekly and Quarterly Returns.

	England and Wales	126 C.Bs. and Great Towns including London	148 smaller Towns Resident Pop. 25000—50000 at 1931 Census	London Administrative County
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**\* Rates per 1,000 Civilian Population :**

<b>Births</b>							
Live	...	..	14'6	16'0	15'7	13'7	
Still	...	...	0'55	0'64	0'55	0'44	
<b>Deaths</b>							
All Causes	...	...	14'3	15'8	12'8	17'8	
Typhoid and Paratyphoid	...	...	0'00	0'00	0'00	0'00	
Scarlet Fever	...	...	0'00	0'00	0'00	0'00	
Whooping Cough	...	..	0'02	0'02	0'02	0'00	
Diphtheria	...	...	0'06	0'07	0'05	0'01	
Influenza	...	...	0'32	0'29	0'30	0'18	
Smallpox	...	...	—	—	—	—	
Measles	...	...	0'02	0'02	0'02	0'01	

**Rates per 1,000 Live Births.**

Deaths, under 1 year of age	55	61	54	50
Deaths from Diarrhoea and Enteritis, under 2 years of age	4'6	5'9	4'4	5'8

\* A dash (—) signifies that there were no deaths.

	England and Wales	126 C.Bs. and Great Towns including London	148 smaller Towns Resident Pop. 25,000—50,000 1931 Census	London Administrative County
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**\* Rates per 1,000 Civilian Population.**

<b>Notifications.</b>					
Enteric ...	...	0'07	0'06	0'10	0'06
Cerebro Spinal Fever ...	...	0'32	0'33	0'29	0'28
Scarlet Fever ...	...	1'63	1'53	1'57	0'82
Whooping Cough ...	...	1'34	1'29	1'35	0'22
Diphtheria ...	..	1'16	1'29	1'21	0'61
Erysipelas ...	...	0'33	0'36	0'30	0'35
Smallpox ...	...	0'00	—	—	—
Measles ...	...	10'24	9'23	9'99	1'78
Pneumonia ...	...	1'20	1'37	1'00	0'87

**Rates per 1,000 Total Births (Live and Still).**

<b>Maternal Mortality:</b> (Excluding Abortion)					
Puerperal Infection (No. 147)	...	0'52	}	Not available	
Others ...	...	1'64			
Total ...	...	2'16			
<b>Notifications.</b>					
Puerperal Fever ...	...	11'96	13'90	9'73	3'34
Puerperal Pyrexia ...	...				13'30*
					* Including Puerperal Fever.

Table V.  
Causes of Death—Local Returns.

Diseases	Males	Females	All Causes	Under 1 year	1—2 years	2—3 "	3—4 "	4—5 "	5—10 "	10—15 "	15—20 "	20—35 "	35—45 "	45—65 "	Over 65 "
1 Typhoid and Para-typhoid Fevers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever ...	1	1	2	...	1	...	...	1	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
5 Diphtheria ...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...
6 Influenza ...	...	2	2	...	...	...	...	...	...	...	...	...	...	1	...
7 Encephalitis Lethargica ...	1	1	2	...	...	...	...	...	...	...	1	1	...	...	...
8 Cerebro-Spinal Fever ...	2	...	2	...	...	...	...	...	...	...	1	1	...	...	...
9 Tuberculosis of Respiratory Organs ...	7	11	18	...	...	...	...	...	...	...	2	9	4	3	...
10 Other Tuberculous Diseases	2	5	7	1	1	...	...	...	...	...	2	3	...	...	...
11 Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 General Paralysis of the insane, tabes dorsalis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, Malignant Disease	21	14	35	1	...	...	...	...	...	...	...	...	2	9	23
14 Diabetes ...	1	7	8	...	...	...	...	...	...	...	1	...	...	3	4



# Causes of Death—Distribution of Wards.

Diseases	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Typhoid and Para-typhoid Fevers ...	...	...	...	...	...	...	...
2 Measles ...	...	...	...	...	...	...	...
3 Scarlet Fever ...	...	...	...	1	1	...	2
4 Whooping Cough ...	...	...	...	...	...	...	...
5 Diphtheria ...	...	...	...	...	...	2	2
6 Influenza ...	...	...	2	...	...	...	2
7 Encephalitis Lethargica ...	1	...	1	...	...	...	2
8 Cerebro-Spinal Fever ...	1	...	...	...	1	...	2
9 Tuberculosis of Respiratory Organs ...	6	3	1	...	2	6	18
10 Other Tuberculous Diseases	1	1	3	...	1	1	7
11 Syphilis ...	...	...	...	...	...	...	...
12 General Paralysis of the insane, tabes dorsalis ...	...	...	...	...	...	...	...
13 Cancer, Malignant Disease	6	4	10	6	2	7	35
14 Diabetes ...	3	...	1	...	...	4	8

15 Cerebral Haemorrhage, etc.	6	4	5	5	5	4	29
16 Heart Disease ...	8	10	14	6	18	13	69
17 Aneurysm ...	...	...	...	...	...	...	...
18 Other Circulatory Diseases	...	...	...	...	...	...	...
19 Bronchitis ...	...	1	9	1	6	8	25
20 Pneumonia (all forms) ...	7	7	6	6	9	13	48
21 Other Respiratory Diseases	...	...	...	...	...	...	...
22 Peptic Ulcer ...	...	...	...	...	...	...	...
23 Diarrhoea, etc. (under 2 yrs.)	...	...	...	...	...	...	...
24 Appendicitis ...	...	...	...	...	...	...	...
25 Cirrhosis of Liver ...	...	1	...	...	...	2	3
26 Other Diseases of Liver, etc.	...	...	...	...	...	...	...
27 Other Digestive Diseases ...	...	...	...	...	...	...	...
28 Acute and Chronic Nephritis	3	1	3	2	1	4	14
29 Puerperal Sepsis ...	...	...	...	...	...	...	...
30 Other Puerperal Causes ...	...	...	...	...	1	...	1
31 Congenital Debility, Premature Birth, Malformation, etc.	5	3	4	1	3	1	17
32 Senility ...	6	2	9	3	13	1	34
33 Suicide ...	1	...	...	...	...	...	1
34 Other Violence ...	...	1	6	7	4	2	20
35 Other Defined Diseases ...	7	8	15	9	11	15	65
36 Causes ill-defined or unknown	...	...	...	...	...	...	...
	61	46	89	47	78	83	404



## INFECTIOUS DISEASES.

There were 1,387 Notifications of the Statutory Notifiable Diseases, as against 559 in 1939, showing an increase of 828.

### Zymotic Mortality.

Out of the 404 deaths from All Causes, there were 15 from the "Seven Principal Zymotic Diseases."

Small-pox 0 ; Scarlet Fever 0 ; Diphtheria and Membraneous Croup 2 ; Enteric Fever 0 ; Measles 1 ; Whooping Cough 4 ; and Diarrhoea and Enteritis 8.

These 15 deaths correspond to an annual Zymotic Death Rate of 0·49 per 1,000 of population, as compared with 0·201 for 1939.

Details as to the number of cases are given in the following table :

TABLE VI.  
Zymotic Diseases, 1940.

Disease	Notified Cases	Deaths	Case Fatal- ity per cent.	England Death Rate	and Wales
1 Small-pox ...	... 0	0	0	0	0·00
2 Scarlet Fever	... 342	0	0	0	0·00
3 Diphtheria	... 11	2	16·6	0·06	0·06
4 Enteric Fever	... 0	0	0	0	0·00
5 Measles ...	... 642	1	0·15	0·32	0·02
6 Whooping Cough	... 160	4	24·3	0·13	0·02
7 Diarrhoea and Enteritis (under 2 years)	... 0	8	0	13·11	4·6
Death Rate per 1,000 Births					

Total number of Deaths ... 15

Death Rate per 1,000 ... 0·49

The rate of attack of all Infectious Diseases was 45·61 per thousand of population, while in 1939 it was 18·69.



**Scarlet Fever.**

		1940	1939	1938
Number of Cases Notified	...	344	124	191
Number of Deaths	...	0	0	0
Death Rate per 1,000 Ebbw Vale	...	0'00	0'00	0'00
England and Wales	...	0.00	0'00	0'00

**Diphtheria and Membraneous Croup.**

		1940	1939	1938
Number of Cases Notified	...	12	16	35
Number of Deaths	...	2	1	3
Attack Rate per 1,000	...	0'39	0'53	1'17
Death Rate per 1,000	...	0'06	0'03	0'101
England and Wales	...	0'06	0'05	0'07

**Report of Diphtheria Immunization at Ebbw Vale, 1940.**

The work of immunization against Diphtheria was continued during the year.

**Enteric Fever (including Para-Typhoid).**

		1940	1939	1938
Number of Cases Notified	...	0	1	2
Number of Deaths	...	0	0	0
Attack Rate per 1,000	...	0'00	0'03	0'06
Death Rate per 1,000 Ebbw Vale	...	0'00	0'00	0'00
England and Wales	...	0'00	0'00	0'00

**Whooping Cough.**

		1940	1939	1938
Number of Cases Notified	...	164	91	0
Number of Deaths	...	4	1	0
Attack Rate per 1,000	...	5'39	3'04	0'00
Death Rate per 1,000 Ebbw Vale	...	0'13	0'03	0'00
England and Wales	...	0'02	0'03	0'03

**Ophthalmia Neonatorum.**

Six cases of this disease were reported.

Notified	Cases Treated At Home	In Hospital	Vision Un- impaired	Vision Im- paired	Total Blind- ness	Deaths
6	6	0	0	0	0	0

## PREVENTION OF BLINDNESS.

### Public Health Act, 1936. Section 176.

No action was taken by the Council under this Section during 1940.

#### Measles.

		1940	1939	1938
Number of Cases Notified	...	664	115	0
Number of Deaths	...	1	3	1
Attack Rate per 1,000	...	21'83	3'84	0'00
Death Rate per 1,000 Ebbw Vale	...	0'32	0'10	0'03
England and Wales	...	0'02	0'01	0'04

#### Pneumonia.

		1940	1939	1938
Number of Deaths	...	28	36	15
Death Rate per 1,000 Ebbw Vale	...	0'92	1'203	0'504

#### Influenza.

		1940	1939	1938
Number of Deaths	...	8	9	8
Death Rate per 1,000 Ebbw Vale	...	0'26	0'301	0'26
England and Wales	...	0'32	0'21	0'11

#### Puerperal Pyrexia.

		1940	1939	1938
Number of Deaths	...	0	0	2
Death Rate per 1,000 Ebbw Vale	...	0'00	0'00	0'06

#### Tuberculosis.

53 cases were notified during the year ; 41 being Pulmonary and 12 Other Forms.

18 deaths occurred from P.T.B. ; 6 males and 12 females.

Eight deaths occurred from Other Forms ; three males and five females.

Doctors J. Glyn Jones and H. A. Evans, Medical Officers of the Welsh National Memorial, attend Ebbw Vale, every Tuesday and Thursday, and all suspicious cases are referred to them for their opinion.

		1940	1939	1938
Rate of Attack per 1,000 Ebbw Vale				
In Pulmonary Tuberculosis	...	1'34	1'4	1'97
Other Forms	... ..	0'39	0'77	0'53

	Notifications New Cases				Deaths Notified Cases				Deaths Non-Notified Cases			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	...	...	...	1	...	...	...	1	...	...	...	...
Between 1 and 5 years	...	...	4	...	...	...	1	...	...	...	...	...
5 " 10 "	1	...	1	1	...	...	...	...	...	...	...	...
10 " 15 "	...	1	...	...	...	...	...	...	...	...	...	...
15 " 20 "	...	3	...	1	...	2	...	1	...	...	...	18
20 " 25 "	2	2	...	1	...	2	...	1	...	...	...	1
25 " 35 "	7	8	1	2	...	4	...	...	...	...	...	...
35 " 45 "	...	5	...	...	3	2	...	...	...	...	...	1
45 " 55 "	2	...	...	...	2	2	...	...	...	...	...	...
55 " 65 "	1	1	...	...	1	1	...	...	...	...	...	...
Over 65 "	...	...	...	...	...	...	...	...	...	...	...	...
	21	20	6	6	7	11	2	3	...	...	...	2

The notification of T.B. cases on the whole is satisfactory. When notification is not sent, the doctors' explanation invariably is that they were under the impression it had been notified.

## Public Health (Prevention of Tuberculosis) Regulations, 1925.

Action taken under these Regulations relating to Tuberculous employees in the milk trade.

a	Action taken under Article 3	...	...
b	Of the number of cases in which Notices have been served under Article 5...	...	...
c	Of the number of appeals (if any) under Article 6 and their result ; and		
d	Of the number of cases in which compensation has been paid, and its average amount...	...	Nil

## Public Health Act, 1936, Section 172.

Action taken by the Council under this Section during 1940	...	...	...	Nil
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*Report of Dr. J. Glyn Jones, Tuberculosis Physician,  
upon Tuberculosis work in Ebbw Vale during the year  
ended 31st December, 1940.*

Patients from this district attend the Visiting Station, Workmen's Hall, Ebbw Vale, every Tuesday and Thursday at 11 a.m. Attendance here is weekly, as the position served is a very large one.

Details of the cases in the district are as follows :—

Number of new cases seen	...	...	232
Number of new school cases seen at the Clinic...			36
Number diagnosed as—Pulmonary	...	...	38
Non-Pulmonary	...	...	9
Number of patients admitted to Hospital	...	...	29
Number of patients admitted to Sanatorium	...	...	13
Total number of attendances at the Clinic	...	...	821

## Erysipelas.

	1940	1939	1938
Number of cases notified	23	23	24
Number of Deaths	0	0	0
Attack rate per 1,000 Ebbw Vale	0·75	0·77	0·81
Death rate per 1,000 Ebbw Vale	0·00	0·00	0·00

**Encephalitis Lethargica.**

		1940	1939	1938
Number of cases notified	...	1	0	0
Attack rate per 1,000 Ebbw Vale...		0·03	0·00	0·00
Number of Deaths	... ..	2	1	0
Death rate per 1,000 ..	...	0·06	0·03	0·00

**Acute Polio-Myelitis and Polio-Encephalitis.**

		1940	1939	1938
Number of cases notified	...	0	1	1
Attack rate per 1,000 Ebbw Vale ...		0·00	0·03	0·03
Number of Deaths	... ..	1	0	0
Death rate per 1,000 ..	...	0·03	0·00	0·00

**Cerebro-Spinal Meningitis.**

		1940	1939	1938
Number of cases notified	...	23	16	5
Attack rate per 1,000 Ebbw Vale...		0·75	0·53	0·16
Number of Deaths	... ..	2	4	4
Death rate per 1,000 ...	...	0·06	0·13	0·13

**Memorandum.**

The tabular statement shown below are figures submitted by the Registrar-General for the information of local Medical Officers of Health. These are of certain Infectious Diseases which concerns the district as compiled from his returns. The second column gives the rate case per 1,000 population from the same diseases in England and Wales during the year 1940.

Disease	Notified Cases in the District	Case Rate per 1,000 living England & Wales
Enteric Fever ...	0	0·07
Scarlet Fever ...	342	1·63
Whooping Cough	160	1·34
Diphtheria ...	11	1·16
Erysipelas ...	23	0·33
Smallpox ...	0	0·00
Measles ...	642	10·24
Pneumonia ...	93	1·20
Puerperal Pyrexia	3	11·96



TABLE VII.

## Analysis of Total Cases and Deaths of Infectious Diseases, 1940.

Disease	At all Ages	Cases Notified										Ward Distribution of Infectious Diseases						Removed to Hospital		
		Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	Over 65 years	N. Ward	Badminton W.	N.C. Ward	C. Ward		S. C. Ward	S. Ward
Scarlet Fever...	344	4	18	28	22	39	143	62	15	9	4	...	...	38	89	59	88	48	22	12
Diphtheria ...	12	...	...	1	1	1	4	3	...	1	1	...	...	4	...	2	1	3	2	11
Pneumonia ...	94	6	2	6	5	2	9	6	4	12	11	26	5	30	13	17	13	4	17	...
Erysipelas ...	23	...	...	1	...	...	...	2	...	2	7	10	1	3	3	5	7	2	3	...
Whooping Cough	164	22	21	28	28	19	46	...	...	...	...	...	...	41	24	33	6	18	42	...
Measles ...	664	50	71	85	88	68	270	25	3	4	...	...	...	57	34	185	129	113	146	...
Puerperal Pyrexia	3	...	...	...	...	...	...	...	...	3	...	...	...	2	...	1	...	...	...	...
Cerebro-Spinal Fever	23	1	2	1	...	1	4	1	6	6	1	...	...	3	6	6	1	2	5	23
Ophthalmia Neonatorum	6	6	...	...	...	...	...	...	...	...	...	...	...	5	1	...	...	...	...	...
Encephalitis Lethargica	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	1334	89	114	150	144	130	476	99	29	37	24	36	6	183	170	309	245	190	237	46



## DEATHS.

23

Disease	AGE GROUPS.											
	Under 1 year	1-2 years	2-3 "	3-4 "	4-5 "	5-10 "	10-15 "	15-20 "	20-35 "	35-45 "	45-65 "	Over 65 years
Scarlet Fever	...	1	...	...	1	...	...	...	...	...	...	...
Diphtheria	...	3	2	1	...	...	1	...	3	4	14	9
Pneumonia	11	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	1	...	...	...	...
Cerebro-Spinal Fever	...	...	...	...	...	...	...	1	1	...	...	...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	1	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...
	11	4	2	1	1	2	1	2	5	4	14	9

**Infantile Mortality,**

		1940	1939	1938
Number of Deaths under 1 year	...	56	30	32
Number of Births	...	626	555	581
Infantile Mortality per 1,000	...	89'45	54'05	55'08

There were 56 deaths amongst infants under one year, and the general total from all Causes was 404, so that 13'9 per cent. of the deaths of the population occurred in children under one year.

According to the Returns of the Registrar-General, there were 610 births during the year ; 594 legitimate, out of which 54 died, and 16 illegitimate with two deaths. (The figure 610 is used for the calculation of Birth Rates, while the figure 626 is used in ascertaining the Infantile Mortality Rate).

The number of births notified by the local Registrar was 549, out of which 10 were illegitimate. Of this number 55 deaths occurred.

**TABLE VII. Infantile Mortality during the Year 1940.**  
**Net Deaths from stated Causes at various ages under one year.**

Causes of Death	Under 1 week		1—2 weeks		2—3 "		3—4 "		Total under One Month		1—3 months		3—6 "		6—9 "		9—12 "		Total under One Year		Grand Total	
	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified	Certified	Uncertified
All Causes :	20	...	3	...	3	...	1	...	27	...	9	...	6	...	7	...	6	...	28	...	55	...
1 Premature Birth	12	...	1	...	2	...	...	...	15	...	...	...	1	...	...	...	...	...	1	...	16	...
2 Congenital Debility	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Convulsions	2	...	1	...	...	...	1	...	4	...	...	...	...	...	...	...	1	...	3	...	...	...
4 Broncho-Pneumonia	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2	...	2	...	8	...	...	...
5 Pneumonia ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	3	...	...	...
6 Bronchitis ...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	1	...	1	...	6	...	...	...
7 Suffocation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Dentition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Gastritis and Enteritis	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	4	...	...	...
10 Inanition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Malnutrition	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Intussusception	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Diarrhoea and Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 Spina Bifida	1	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
15 Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...
16 Cancer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
17 Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
18 Heart Disease	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 Cerebral Hæmorrhage ...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
20 Other Defined Diseases	4	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
	20	...	3	...	3	...	1	...	27	...	9	...	6	...	7	...	6	...	28	...	55	...

# **Infantile Mortality during the Year 1940.** **Distribution of Wards.**

Causes of Death	North Ward	Radninton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Grand Total
1 Premature Birth	5	3	3	1	3	1	16
2 Congenital Debility	...	...	...	...	...	...	...
3 Convulsions	...	...	3	1	...	1	7
4 Broncho Pneumonia	2	1	3	2	...	...	8
5 Pneumonia ...	...	...	...	...	...	3	3
6 Bronchitis ...	...	...	2	1	...	3	6
7 Suffocation ...	...	...	...	...	...	...	...
8 Dentition ...	...	...	...	...	...	...	...
9 Gastritis and Enteritis	2	...	1	1	...	...	4
10 Inanition ...	...	...	...	...	...	...	...
11 Malnutrition	...	...	...	...	...	...	...
12 Intussusception	...	...	...	...	...	...	...
13 Diarrhoea and Enteritis	...	...	...	...	...	...	...
14 Spina Bifida ...	...	1	...	...	...	1	2
15 Tuberculous Diseases	...	...	...	...	...	1	1
16 Cancer...	...	...	1	...	...	...	1
17 Nephritis	...	...	...	1	...	...	1
18 Heart Disease	...	...	...	...	1	...	1
19 Cerebral Hæmorrhage	...	...	...	...	1	...	1
20 Other Defined Diseases	...	1	1	...	...	2	4
	9	6	14	7	7	12	55

## ISOLATION HOSPITALS REPORT.

During the year 1940, the following cases were treated at the Bedwellty Isolation Hospital, Aberbargoed ; Monmouth Isolation Hospital, Monmouth ; Ashvale Isolation Hospital, Tredegar ; Caerphilly Isolation Hospital, Caerphilly ; Cardiff Isolation Hospital, Cardiff ; and Llanfoist Isolation Hospital, Llanfoist.

Disease		Number of Cases	Number of Deaths
Diphtheria	...	11	1
Scarlet Fever	...	12	0
Cerebro-spinal Meningitis		23	0
		—	—
		46	1

Of the 46 cases, five were admitted to Bedwellty Isolation Hospital ; five to Monmouth ; 23 to Tredegar ; three to Caerphilly ; nine to Cardiff ; and one to Llanfoist.

## MATERNITY AND CHILD WELFARE CENTRES

### Ebbw Vale and Beaufort.

This report is not being recorded in detail, as the figures are much the same as last year. These Centres are still greatly appreciated, as is evident by the attendance of mothers and children.

### Ambulance Facilities ; Professional Nursing in the Home ; Hospitals ; Midwives.

As reported in previous years.

### Sanitary Circumstances in the Area.

Water Supply.

Streams and Rivers.

Drainage and Sewerage.

Closet Accommodation.

Scavenging.

As previously reported.

**Shops and Offices,****Mortuary.****Lodging Houses.****Roads.****Schools.**

As previously reported.

**Industries.**

As previously reported.

**Housing Conditions.****Statistics. Year ended December 31st 1940.****I. General,**

1. Estimated Population...	...	...	30,410
2. General Death Rate ...	...	...	13.28
3. Death Rate from Tuberculosis ...	...	...	0.8
4. Infantile Mortality ...	...	...	56
5. Number of inhabited houses, 1921	...	...	6,299
6. Number of dwelling-houses of all classes, 1940	...	...	6,603
7. Number of new houses erected during the year	...	...	20
i. By the Local Authority...	...	...	0
ii. By other bodies or persons	...	...	20

**HOUSING.**

The " Housing Question " is far from satisfactory, but as all building operations have been stopped, further reference to this matter can only be considered after the termination of hostilities.

**The Sanitary Administrations and Conditions  
for the Year 1940.**

The following Tables show particulars of the work carried out by the Sanitary Staff.

TABLE A.

Occupied dwellings systematically inspected	...	866
Occupied dwellings re-inspected	...	271
Visits to premises for special nuisances	...	386
Re-visits	...	260

Visits to dirty verminous houses	...	...	131
Cowsheds	...	...	105
Dairies and Milkshops	...	...	73
Bakehouses	...	...	81
Butchers' Shops	...	...	621
Slaughter Houses	...	...	30
Fried Fish Shops	...	...	132
Fruit and Vegetable Shops	...	...	381
Common Lodging Houses	...	...	101
Factories	...	...	65
Stables	...	...	16
Urinals	...	...	97
Cinemas	...	...	68
Schools	...	...	220
Pigstyes	...	...	51
Waterworks	...	...	20
Workshops (including Bakehouses)	...	...	15

### **Cowsheds.**

As previously reported.

### **Milk Supplies.**

As previously reported.

### **Milk and Dairies Order.**

Remarks as in previous report.

Number of Cowsheds on Register	...	10
Number of Retail Purveyors	...	47
Number of Wholesalers	...	0
Licensed to sell Pasteurised	...	8

### **Slaughterhouses.**

30 visits were paid to the Slaughterhouses in the district.

## **Prevalence of and Control over Infectious Diseases.**

### **Infectious Diseases Generally.**

Every possible action is taken to check the spread of infection when the occasion arises, and particular note taken to trace source of infection when necessary.

### **Eradication of Bed Bugs.**

Action taken where and when necessary as in previous years.

## Food Inspection.

The following articles of food found unfit for human consumption were destroyed by fire or buried :—

### MEAT—

Beef...	...	...	683 lbs.
Pork...	...	...	10 lbs.
Offal..	...	...	148 lbs.

### TINNED GOODS—

Corned Beef	...	...	23 tins
Milk ...	...	...	98 tins
Fish ...	...	...	97 tins
Fruit...	...	...	482 tins

### MISCELLANEOUS—

Fish ...	...	...	176 lbs.
Fruit ...	...	...	65 lbs.
Bacon	...	...	84 lbs.
Cooked Meat	...	...	46 lbs.
Jam ...	...	...	11 bottles
Pickled Onions	...	...	51 bottles
Potatoes	...	...	2 cwts.
Butter	...	...	60 lbs.
Cockles	...	...	2 bags.

## Factories and Workshops.

These premises were visited during the year and the summary of the administrations is given below :—

### 1--Inspections.

Premises	Inspec- tions	Written Notices	Occupiers Prosecuted
Factories, with Mechanical power	7	...	0
Factories, without " "	16	...	0
Other Premises ...	51	...	0
	—	—	—
	74	0	0



## 2—Defects Found.

Particulars	Number of Defects			Number of Defects in respect of which Prosecutions were Instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of Cleanliness ...	6	6	0	0
Overcrowding ...	0	0	0	0
Unreasonable Temperature ...	0	0	0	0
Inadequate Ventilation ...	0	0	0	0
Ineffective Drainage of Floor	0	0	0	0
Sanitary Accommodation—				
Insufficient ...	0	0	0	0
Unsuitable or Defective...	0	0	0	0
Not separate for sexes ...	0	0	0	0
Other Offences ...	0	0	0	0
	6	6	0	0

**Registered Workshops.**

3—Homework (Registered)	Number		
Dressmakers and Milliners	...	...	3
Shoemakers and Repairers	...	...	12
Tailors ...	...	...	2
Wheelwrights and Carpenters	...	...	9
Bakehouses (Retail) ...	...	...	14
Saddlers and Harness Makers	...	...	2
Laundries ...	...	...	1
Motor Repairers	...	...	5
Printers ...	...	...	2
Undertakers ...	...	...	6

## EDUCATION COMMITTEE.

Chairman	...	Councillor E. Williams
Vice-Chairman	...	Councillor D. Evans, J.P.

All Members of the Council compose the Committee together with the following co-opted Members.

Mr. E. H. Jones.

Mrs. Evans.

Mr. H. J. Warren.

### Medical Department.

School Medical Officer	...	F. M. Fonseca, F.R.C.S.I., D.P.H.
Ophthalmic Surgeon	...	C. Jacobs, M.C., M.D., B.S.
Orthopædic Surgeon	...	N. Rocyn Jones, M.D. (CANTAB.), F.R.C.S. (EDIN.)
Dentist	...	W. S. Hazell, L.D.S. (ENG.)
School and Clinic Nurse	...	Miss F. A. Hudson, S.R.N., F.B.C.N, M.R.B.N.A.
School Nurse	...	Miss A. Ajax, S.R.O., C.M.B.
School Nurse	...	Miss E. Sullivan, S.R.N., C.M.B.
Clerk	...	Miss G. G. Owen
Clerk	...	Mr. B. Neville Johnson

Ladies and Gentlemen,

During the year ended 31st December, 1940, two thousand and thirteen children with the additional six hundred and forty-eight special cases were examined in the different groups under your Authority.

### Ophthalmic Surgeon's Report.

During the year ending 31st December, 1940, I examined the eyes of 198 children. Besides the prescribing of glasses, treatment was prescribed and carried out in a number of cases. There was a substantial improvement in the prevalence and severity of cases of external eye disease, notably marginal blepharitis, over previous years. The willing co-operation of parents has been another noteworthy feature.

## Orthopaedic Surgeon's Report.

The work of the Orthopaedic Clinics has continued on similar lines to previous years. 38 children were examined and five admitted to The Prince of Wales Hospital. A few children attended this Hospital for treatment as out-patients, returning to Ebbw Vale for the necessary supervision. Satisfactory progress has been made, particularly with children with postural defects. It has been possible to obtain the help of the schools with exercises that are the basis of treatment. A big proportion of cases need prolonged supervision, sometimes throughout the whole school life and beyond. This is being given at my Clinics, and apart from them, by the Staff of the School Clinic. I have been particularly impressed this year by the care given to certain of these cases by Nurse Hudson. Cases of infantile paralysis, birth palsy and spastic paraplegia, particularly the last, can be very trying and can need unlimited patience. When recovery of power has ceased, there may be room for improvement in the use of what power is left and scope for teaching a child to make the best use of what is left. The cases in my mind have been very well helped in this way by her.

Number of individual cases examined during the year	38
Number of examinations (including re-examinations)...	98
Number of children admitted to Hospital for treatment	5
Number who visited Mr. Harrision for remedial exercises and other treatment	... 9
Number who attended the Clinic for supervision and treatment by Nurse Hudson	... 11

## Orthopaedic Cases treated at the Prince of Wales Hospital, Cardiff.

There were eight cases of various nature treated at the above Hospital. Five received indoor treatment, and on discharge were supplied with the necessary appliances. Three were seen as outdoor patients. Five children were supplied with appliances, alteration to shoes, etc., without attending the Princes of Wales Hospital.

## Dentist's Report.

This year is noteworthy because a large number of children were evacuated from other parts of England to the Ebbw Vale area. Immediately after arrival, evacuees began to come to the Dental Clinic for treatment and have continued to attend ever since. After each fresh batch of arrivals, there was noticed a corresponding increase in applications for dental treatment from

the new arrivals. It was apparent to the most casual observer that the dental condition of these children was very bad and showed long standing neglect and lack of treatment, indeed, the condition of very many mouths reminded the writer of the dental condition of the Ebbw Vale school children at the opening of the Dental Clinic, years ago. As these evacuees so readily come to our Clinic for treatment, it is difficult to understand how such a large proportion of these children were permitted to exhibit such appalling dental sepsis. Their general dental condition compares most unfavourably with our other children, and as the majority have arrived from the London area, surprise is felt at this anomaly. This observation is on a par with dental conditions observed among evacuees in an adjoining area by the writer. There is nothing fresh to report except above observations.

### **Report of the N.S.P.C.C. Inspector.**

Inspector A. E. H. Jones.

General Neglect	Neglect and failure to provide Spectacles	Other Wrongs
1	3	1

Of the five cases, 14 children and nine parents were affected.

### **Swimming Instruction,**

This was obtained during the Summer months as in previous years.

### **Children temporary excluded from School during the Year ended 31st December, 1940.**

#### **Under Article 53(b) of the Code.**

91 children were excluded during the year for various causes under the above Code.

### **Cooperation of Teachers, Attendance Officers & Parents.**

This continues in the same satisfactory manner.

**Medical Inspection and Treatment Returns.**  
**Year ended 31st December, 1940.**

**Table I.**

Medical Inspections of Children attending Public  
 Elementary Schools.

A.—Routine Medical Inspections.

1—Number of Inspections in the prescribed Groups.

Entrants	...	...	548
Second Age Group	..	...	422
Third Age Group	...	...	508
			<hr/>
Total	...	...	1478

2—Number of other Routine Inspections ... 535

Grand Total ... 2013

B.—Other Inspections.

Number of Special Inspections and Re-Inspections 648

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TABLE II,

Classification of the Nutrition of Children Inspected during the Year  
in the Routine Age Groups.

Age-Groups	Number of Children Inspected	A Excellent		B Normal		C Slightly subnormal		D Bad	
		No.	%	No.	%	No.	%	No.	%
Entrants	... 548 ...	0	...	544	...	4	...	0	...
Second Age Group	... 422 ...	0	...	422	...	0	...	0	...
Third Age Group	... 508 ...	0	...	507	...	1	...	0	...
Other Routine Inspections...	535 ...	0	...	533	...	2	...	0	...
Total...	... 2013 ...	0	...	2006	...	7	...	0	...

**TABLE III.****Group I. Treatment of Minor Ailments**

(excluding Uncleanliness, for which see Table V.)

Total number of Defects treated or under treatment during the year under the Authority's Scheme	...	576
--	-----	-----

**Group III. Treatment of Defects of Nose & Throat.**

Number of Defects.

Received Operative Treatment—

Under the Authority's Scheme, in Clinic or Hospital	0
---	---

By Private Practitioner or Hospital, apart from the Authority's Scheme	...	...	73
---	-----	-----	----

Received other forms of Treatment	...	...	0
-----------------------------------	-----	-----	---

—

Total number treated	...	...	73
----------------------	-----	-----	----

## Group II. Treatment of Defective Vision and Squint

(excluding Minor Eye Defects treated as Minor Ailments—Group I.).

Defect or Disease	No. of Defects dealt with			No. of children for whom spectacles were				Total
	Under the Authority's Scheme	Other-wise	Total	Prescribed		Obtained		
				Under the Authority's Scheme	Other-wise	Under the Authority's Scheme	Other-wise	
Errors of Refraction (including squint). Operations for squint should be recorded separately in the body of the report ...	165	0	165	134	0			134
Other defect or disease of the eyes (excluding those recorded in Group I.) ...	33	0	33			27	107	134
Total ...	198	0	198					



**TABLE IV.****Dental Inspection and Treatment.**

1. Number of children inspected by the Dentist—													
(a) Routine Age Groups													
Age	5	6	7	8	9	10	11	12	13	14	Total		
Number	213	244	237	278	323	283	207	190	180	91	2246		
(b) Specials			...		...		...			...	323		
(c) Total			...		...		...			...	2569		
2. Number found to require treatment								...		...	1664		
3. Number actually treated								...		...	1052		
4. Attendances made by children for treatment										...	1615		
5. Half-days devoted to—					7. Extractions—								
Inspection			...	11	Permanent Teeth			723					
Treatment			...	112	Temporary Teeth			2364					
Total			...	123	Teeth			...	3087				
								8. Administrations of general anæsthetics for extractions				...	1019
6. Fillings					9. Other Operations								
Permanent Teeth			219	Permanent Teeth			0						
Temporary Teeth			0	Temporary Teeth			0						
Total			...	219	Total			...	0				

**TABLE V.****Verminous Conditions.**

(i.)	Average number of visits per school made during the year by the School Nurses	...	..	6
(ii.)	Total number of examinations of children in the schools by School Nurses	...	...	14807
(iii.)	Number of individual children found unclean	...		555
(iv.)	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	...		487
(v.)	Number of cases in which legal proceedings were taken—			
	a Under the Education Act, 1921	...		0
	b Under School Attendance Byelaws	...		0

**TABLE VI.****Blind and Deaf Children.**

Number of totally or almost totally blind and deaf children who are not at the present time receiving education suitable for their special needs. The return should relate to all such children including evacuees residing in the Authority's area.

A blind child is defined by Section 69 of the Education Act, 1921, as one who is "too blind to be able to read the ordinary school books used by children." This definition covers (a) children who are totally, or almost totally, blind and can only be appropriately taught in a school for blind children, and (b) children who have partial sight and can be appropriately taught in a school for partially sighted children. Only the children in category (a) should be included below.

A deaf child is defined by Section 69 of the Education Act 1921, as one who is "too deaf to be taught in a class of hearing children in an elementary school." This definition covers (a) children whose hearing is so defective and whose speech and language are so little developed that they require education by methods used by deaf children without naturally acquired speech or language, and (b) children who have partial hearing and can be appropriately taught in a class for partially deaf children. Only the children in category (a) should be included below.

			Blind Children	Deaf Children
1	At a Public Elementary School	...	0	0
2	At an Institution other than a Special School	... ..	0	0
3	At no School or Institution	...	0	0
4	Total not receiving suitable Education	...	0	0

**Mentally Defective Children.**

Total number of children notified during the year ended 31st December, 1940, by the Local Education Authority to the Local Mental Deficiency Authority under the Mental Deficiency (Notification of Children) Regulations, 1928 ... .. Nil

TABLE IV.

Average Heights and Weights compared with  
National Average. A. Heights.

Classifi- cation	Age last birthday in years	Sex	No. In- spected	National Averages		Local Averages	
				ft	in.	ft	in
Entrants	3	M	...	2	11	..	..
	3	F	...	2	10	...	...
	4	M	...	3	1	...	...
	4	F	...	3	0	...	...
	5	M	212	3	4	3	7
	5	F	212	3	3	3	6
	6	M	58	3	7	3	8
	6	F	54	3	6	3	8
	Other Ages	M	5	...	...	3	9
		F	7	...	...	3	9
	Total	M	275				
		F	273				
Leavers	12	M	238	4	7	4	8
	12	F	233	4	7 $\frac{1}{2}$	4	8
	13	M	17	4	9	4	11
	13	F	11	4	9 $\frac{3}{4}$	4	11
	14	M	1	4	11 $\frac{1}{4}$	4	11
	14	F	6	4	11 $\frac{3}{4}$	5	2
	Other Ages	M	...	...		...	...
		F	2	...		5	2
	Total	M	256				
		F	252				
Intermediate Groups	8	M	212	3	11	4	1
	8	F	210	3	10 $\frac{1}{2}$	4	1
	11-12	M	...	4	5 $\frac{1}{2}$	...	...
	11-12	F	...	4	5	...	...
	Other Routine	M	255				
		F	280				

TABLE IV.

Average Heights and Weights compared with  
National Average. B. Weights.

Classifi- cation	Age last birthday in years	Sex	No. In- spected	National Averages st lb.	Local Averages st lb		
Entrants	3	M	...	2	6	..	..
	3	F	...	2	3½	...	...
	4	M	...	2	9	...	...
	4	F	...	2	8	...	...
	5	M	212	2	12	3	0
	5	F	212	2	11	2	13
	6	M	58	3	2½	3	4
	6	F	54	2	13¾	3	6
	Other Ages	M	5	...	...	3	8
	F	7	...	...	3	6	
	Total	M	275				
		F	273				
Leavers	12	M	238	5	6¾	5	9
	12	F	233	5	6½	6	0
	13	M	17	5	12½	6	11
	13	F	11	6	3	6	4
	14	M	1	6	8	6	12
	14	F	6	6	12¾	7	3
	Other Ages	M	...	...	...	...	...
	F	2	...	...	8	9	
	Total	M	256				
		F	252				
Intermediate Groups	8	M	212	3	13	4	0
	8	F	210	3	10	3	11
	11-12	M	...	5	2	...	...
	11-12	F	...	4	12	...	...
	Other Routine	M	255			3	9
		F	280			3	8

**CONCLUSION.**

I take this opportunity of thanking my Colleagues for their co-operation and assistance during the course of my duties.

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